TRAVERSE

Traverse ( ):
Description: Here **A** is a linear array with lower bound **LB** and upper bound **UB**. This algorithm traverses array **A** and applies the operation **PROCESS** to each element of the array.

```
1.    Repeat For I = LB to UB
2.        Apply PROCESS to A[I]
      [End of For Loop]
3.    Exit
```

Explanation: Here A is a linear array stored in memory with lower bound LB and upper bound UB. The *for* loop iterates from LB to UB and visits each element of the array. During this visit, it applies the operation PROCESS to the elements of the array A.

Note: The operation PROCESS in the traversal algorithm may use certain variables which must be initialized before PROCESS is applied to any of the elements in the array. Therefore, the algorithm may need to be preceded by such an initialization step.